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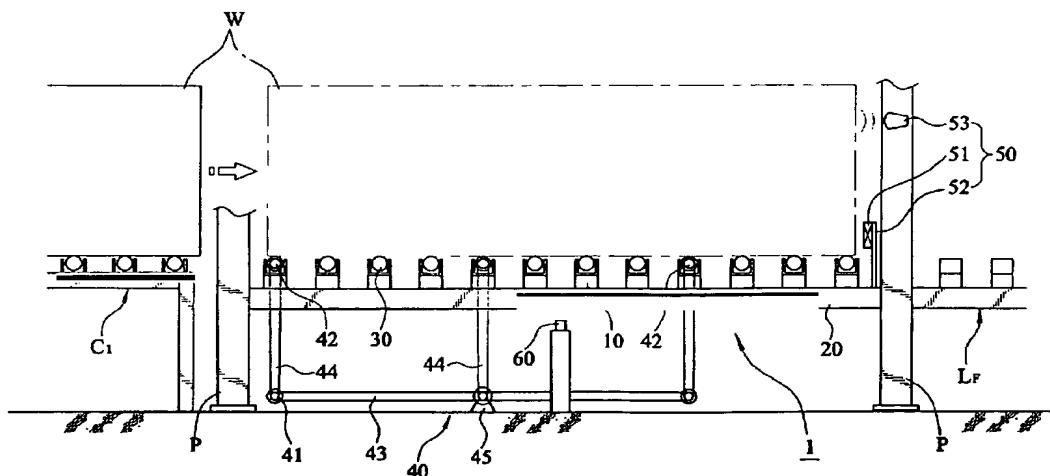
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(54) Title: LOADING AND UNLOADING STAND FOR PALLETLESS STORAGE SYSTEM



(57) Abstract: The loading and unloading stand (1) a palletless rack type storage system (s) has plural fork bars (10), longitudinal beam (20) arranged in a right angle for supporting the fork bar (10), plural rollers (30) being arranged in the fork bar (10) and the upper portion of the roller (30) having an excessive protrusion above the top of the fork bar (10) so as to allow wheels of the cargo (W) to be rolling-contacted, and a drive unit to keep the rollers (30) rolling in the loading or unloading direction of the cargo (W), in which the loading/unloading stand (1) providing at a rim near the entrance of an predetermined floor of the rack (R) and being a same level as the loading and unloading conveyor (C) to load cargo (W) into the rack (R) from a loading station, or unload cargo (W) to an unloading station from the rack (R). The cargo (W) can be smoothly and conveniently be transferred between the conveyor (C) and the stacker crane (Sc) without using special loading/unloading means.

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